

Sampling Metadata from the Common Metadata Repository

In order to evaluate the completeness and consistency of metadata in the Common Metadata Repository (CMR) we created a sample of collection and granule metadata by identifying collections with one or more granules and selecting the collection records in four dialects (DIF9, DIF10, ECHO10, and ISO19115-2). We also selected the most recent granule from these collections in ECHO10 and ISO19115-2. These records were downloaded during the first half of March, 2016.

Collection Metadata - March 2016

The number of records from each Data Center were:

Metadata Collection	# Records
Alaska Satellite Facility (ASF)	84
Crustal Dynamics Data Information System (CDDIS)	28
Goddard Earth Science Data and Information (GES_DISC)	35
Global Hydrology Resource Center (GHRC)	339
Goddard Space Flight Center (GSFC) Simple, Scalable, Script-based Science Processing Archive (S4PA)	687
Level 1 and Atmosphere Archive and Distribution System (LAADS)	78
Land, Atmosphere Near real-time Capability for EOS (LANCEAMSR2)	5
Land, Atmosphere Near real-time Capability for EOS (LANCEMODIS)	116
Langley Research Center (LARC)	343
Langley Research Center (LARC) Atmospheric Science Data Center	495
Land Process DAAC - EOS Core System (LPDAAC_ECS)	185
National Snow and Ice Data Center EOS Core System (NSIDC_ECS)	197
Ocean Biology (OB_DAAC)	63
Ozone Monitoring Instrument - Near Real-Time (OOMINRT)	4
Oak Ridge National Laboratory (ORNL_DAAC)	1135
Physical Oceanography Distributed Active Archive Center (PODAAC)	375
USGS Earth Resources Observation and Science (USGS_EROS)	11
Total	4180

Collection Metadata - October 2015

The number of records from each Data Center were:

Metadata Collection	# Records
Alaska Satellite Facility (ASF)	32
Crustal Dynamics Data Information System (CDDIS)	36
Global Hydrology Resource Center (GHRC)	267
Goddard Space Flight Center (GSFC) Simple, Scalable, Script-based Science Processing Archive (S4PA)	491
Level 1 and Atmosphere Archive and Distribution System (LAADS)	53
Land, Atmosphere Near real-time Capability for EOS (LANCEMODIS)	43

Langley Research Center (LARC)	319
Langley Research Center (LARC) Atmospheric Science Data Center	134
Land Process DAAC - EOS Core System (LPDAAC_ECS)	164
National Snow and Ice Data Center Version 0 (NSIDCV0)	280
National Snow and Ice Data Center EOS Core System (NSIDC_ECS)	77
Ozone Monitoring Instrument - Near Real-Time	1
Physical Oceanography DAAC (PODAAC)	80
Socioeconomic Data and Applications Center (SEDAC)	170
U.S. Geological Survey Earth Resources Observation Systems (USGS_EROS)	11
Total	2126